



A.D. 1871, 25th JULY. N° 1947.

SPECIFICATION

OF

EDWARD GRIFFITH BREWER.

IMPROVEMENTS FOR PREVENTING SEA SICKNESS, &c.

LONDON:

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1872.







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A.D. 1871, 25th JULY. N° 1947.

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**Belts for Preventing Sea Sickness, &c.**

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**LETTERS PATENT** to Edward Griffith Brewer, of 89, Chancery Lane, in the County of Middlesex, Patent Agent, for the Invention of “**IMPROVEMENTS IN BELTS TO BE WORN TO PREVENT SEA SICKNESS, AND FOR OTHER PURPOSES.**”—A communication from abroad by Guillaume Edard and Jacques Edmond Bazault, both of 2, Rue Sainte Appoline, Paris, France.

Sealed the 19th January 1872, and dated the 25th July 1871.

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**PROVISIONAL SPECIFICATION** left by the said Edward Griffith Brewer at the Office of the Commissioners of Patents, with his Petition, on the 25th July 1871.

I, EDWARD GRIFFITH BREWER, of 89, Chancery Lane, in the County  
5 of Middlesex, Patent Agent, do hereby declare the nature of the said Invention for “**IMPROVEMENTS IN BELTS TO BE WORN TO PREVENT SEA SICKNESS, AND FOR OTHER PURPOSES,**” (a communication to me from abroad by Guillaume Edard and Jacques Edmond Bazault, both of 2, Rue Sainte Appoline, Paris, France,) to be as follows :—

10 The object of this Invention is the construction and employment of belts to be applied to or to be worn round the body for use during



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voyages by sea to prevent sea sickness; also for affording protection from contagious diseases, such as yellow and typhus fever, and for use in mines and other places.

According to this Invention the belt is made of silk, hemp, linen, wool, cotton, skin, or other suitable material. The central part, which 5 contains oxyde of iron or some other magnetic mineral, is made preferably somewhat wider at one end than the other, and this also applies to the belt itself. It is stitched or quilted at the sides, so that the mineral powder which is also contained there may be divided or separated, and thus be kept in position. A buckle at one end and a strap 10 at the other is a convenient way of securing the belt to the body. Buttons are also provided on the upper part of the belt to secure it to button holes on to the clothes of the wearer.

Belts made according to this Invention, although being particularly applicable for use by human beings, may nevertheless be applied with 15 advantage to the bodies of animals.

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**SPECIFICATION** in pursuance of the conditions of the Letters Patent, filed by the said Edward Griffith Brewer in the Great Seal Patent Office on the 25th January 1872.

**TO ALL TO WHOM THESE PRESENTS SHALL COME, I, EDWARD 20 GRIFFITH BREWER, of 89, Chancery Lane, in the County of Middlesex, Patent Agent, send greeting.**

**WHEREAS** Her most Excellent Majesty Queen Victoria, by Her Letters Patent, bearing date the Twenty-fifth day of July, in the year of our Lord One thousand eight hundred and seventy-one, in the thirty- 25 fifth year of Her reign, did, for Herself, Her heirs and successors, give and grant unto me, the said Edward Griffith Brewer, Her special licence that I, the said Edward Griffith Brewer, my executors, administrators, and assigns, or such others as I, the said Edward Griffith Brewer, my executors, administrators, and assigns, should at any time agree with, 30 and no others, from time to time and at all times thereafter during the term therein expressed, should and lawfully might make, use, exercise, and vend, within the United Kingdom of Great Britain and Ireland, the Channel Islands, and Isle of Man, an Invention for “**IMPROVEMENTS IN BELTS TO BE WORN TO PREVENT SEA SICKNESS AND FOR OTHER PURPOSES**” (a 35



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communication from abroad by Guillaume Edard and Jacques Edmond Bazault, both of 2, Rue Sainte Appoline, Paris, France, upon the condition (amongst others) that I, the said Edward Griffith Brewer, my executors or administrators, by an instrument in writing under my, or  
5 their, or one of their hands and seals, should particularly describe and ascertain the nature of the said Invention, and in what manner the same was to be performed, and cause the same to be filed in the Great Seal Patent Office within six calendar months next and immediately after the date of the said Letters Patent.

10 **NOW KNOW YE**; that I, the said Edward Griffith Brewer, do hereby declare the nature of the said Invention, and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement, reference being had to the accompanying Drawings, and to the letters of reference marked thereon, that is to  
15 say :—

The object of this Invention is the construction and employment of belts to be applied to or to be worn round the body for use during voyages by sea to prevent sea sickness; also for affording protection from contagious diseases, such as yellow and typhus fever.

20 According to this Invention the belt is made of silk, hemp, linen, wool, cotton, skin, or other suitable material. The central part, which contains oxide of iron or some other magnetic mineral, is made preferably somewhat wider at one end than the other, and this also applies to the belt itself. It is stitched or quilted at the sides, so that the  
25 mineral powder which is also contained therein may be divided or separated, and thus be kept in position. A buckle at one end and a strap at the other is a convenient way of securing the belt to the body. Buttons are also provided on the upper part of the belt to secure it to button holes in the clothes of the wearer.

30 Belts made according to this Invention, although being particularly applicable for use by human beings, may nevertheless be applied with advantage to the bodies of animals.

In the accompanying Drawings Fig. 1 is a front view of a belt open; Fig. 2 is a side view of the same showing the mode of construction we  
35 have found most convenient.

$a$  and  $a^1$  are the middle portions which as well as the other parts contain the oxide of iron or other magnetic mineral (by preference



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obtained from marine productions, although other mineral products may be used, such for example, as are obtained from the earth, mines, or other sources), broader at  $a$  than  $a^1$ ; besides, the exterior of the belt is larger at one end than the other. It is double stitched externally to hold the mineral powder in the best position for proper action when the belt is placed round the body. A buckle  $b$  is intended to receive the strap  $d$ , whereby the belt can be adjusted at will. The end  $f$  may be placed between the body and the belt, or it may be left under the clothes. These belts being filled with iron mineral are of such a weight as to have a tendency to fall.  $g, g$ , are buttons to keep them at any required height, sewn to the upper part, which is buttoned into the holes in the braces, so that a fixed position is thereby maintained. For persons who wear flannel waistcoats next the skin button holes may be made in them at convenient places to receive the buttons, so that braces may be dispensed with. It must be understood that the waistcoat may itself be at the height of the belt, and if desired may be filled in other places with oxide of iron or other magnetic mineral iron.

This application of mineral can also be made to other articles of clothing, for example, to corsets, jupons, trousers, brest pads, single or double, one for the front the other for the back; plain or ornamental caps, the latter being simply formed by bands containing mineral powder as before described. Bands thus fitted may also be made into bracelets of any required length and breadth, and making one or several turns round those parts to which they are applied.

The Drawings shew the form and dimensions which have been found to be most suitable, but experience, taste, and fancy may suggest other designs and materials without departing from the Invention.

And having now described the nature of the said Invention, and in what manner the same is to be performed, I declare that I claim as the "Improvements in Belts to be Worn to Prevent Sea Sickness, and for other Purposes," the application and employment for such purpose or purposes of oxide of iron or other magnetic mineral, but especially marine magnetic productions, although others may be used in the shape or form of belts, waistcoats, breast plates, corsets, jupons, trousers, caps, bracelets, and other articles of clothing and ornaments, which coming in contact with the bodies of men, women, children, and even animals, preserve them from sea sickness when on ship board, and on land from some other affections or diseases, such as yellow, typhus, and other

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*Brewer's Improvements in Belts for Preventing Sea Sickness, &c.*

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fevers, and other different maladies more or less analagous, substantially as herein-before described and illustrated in the accompanying Drawings.

5 In witness whereof, I, the said Edward Griffith Brewer, have here-  
unto set my hand and seal, this Twenty-fifth day of January,  
in the year of our Lord One thousand eight hundred and seventy-  
two.

EDW<sup>d</sup>. GRIFFITH BREWER. (L.S.)

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LONDON :

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Printers to the Queen's most Excellent Majesty. 1872.













FIG. 1.

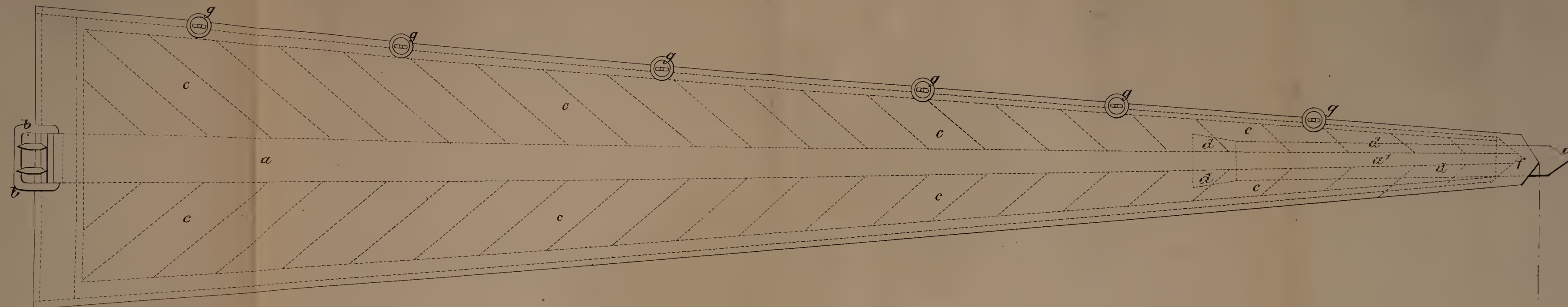


FIG. 2.

